

This listing of claims will replace all prior versions and listings of claims in the application.

**LISTING OF CLAIMS**

1. (Currently Amended) A composition comprising skin ~~a cell, tissue, or organ~~ and glucosaminoglycan in the absence of serum.
2. (Original) The composition of claim 1 wherein the glucosaminoglycan is hyaluronan.
3. (Currently Amended) The composition of claim 1 wherein the composition is for preserving skin cells.
- 4.-9. (Canceled)
10. (Currently Amended) The composition of claim 1 ~~[[3]]~~ wherein the composition is ~~cells are~~ in the absence of a non-cell penetrating cryoprotectant.
11. (Currently Amended) The composition of claim 3 wherein the ~~cells are~~ skin is preserved at a temperature above freezing.
12. (Currently Amended) The composition of claim 3 wherein the ~~cells are~~ skin is preserved at a temperature below freezing.
- 13.-16. (Canceled)
17. (Withdrawn-Currently Amended) A method of making a ~~cell~~ skin-containing storage solution comprising utilizing ~~a solution the composition of Claim 1 comprising a glucosaminoglycan in the absence of serum; and placing the cells in the solution.~~
18. (Withdrawn) The method of claim 17 wherein the glucosaminoglycan is hyaluronan.

19. (Withdrawn-Currently Amended) A method of preserving ~~cells~~ skin comprising utilizing a ~~solution~~ the composition of Claim 1 ~~comprising glucosaminoglycan in the absence of serum~~; and storing the ~~cells~~ skin in the composition ~~solution~~.
20. (Withdrawn) The method of claim 19 wherein the glucosaminoglycan is hyaluronan.
21. (Withdrawn-Currently Amended) The method of claim 19 wherein the ~~cells are~~ skin is preserved at a temperature above freezing.
22. (Withdrawn-Currently Amended) The method of claim 19 wherein the ~~cells are~~ skin is preserved at a temperature below freezing.
23. (Withdrawn-Currently Amended) A method of treatment comprising (i) obtaining skin ~~cells~~; (ii) storing the ~~cells~~ skin in ~~a solution the composition of Claim 1 comprising glucosaminoglycan in the absence of serum~~; and (iii) using the skin ~~cells~~ in treatment.
24. (Withdrawn) The method of claim 23 wherein the glucosaminoglycan is hyaluronan.
25. (Currently Amended) A kit comprising the composition of Claim 1 ~~a storage solution comprising hyaluronan in the absence of serum and cells~~.
26. (Currently Amended) The kit of claim 25 wherein the ~~cells are~~ composition is stored at a temperature above 0°C.
- 27.-29. (Canceled)
30. (New) A method of improving skin engraftment comprising (i) using the composition of Claim 1 to preserve skin prior to grafting, and (ii) grafting the skin onto a subject.
31. (New) A method of treatment of a wound comprising (i) identifying a wound, and (ii) placing skin preserved in the composition of Claim 1 onto the wound.

32. (New) A method of promoting wound healing comprising (i) identifying a wound, (ii) using the skin of the composition of Claim 1, and (iii) grafting the skin onto a wound.